

Abstract

A flow completion system for controlling the flow of fluid from a well bore comprises a tubing spool which includes a central bore that extends axially therethrough and a production outlet which communicates with the central bore.

- 5 A tubing hanger is supported in the central bore and includes a production bore that extends axially therethrough and a production passageway that communicates between the production bore and the production outlet. A first closure member is positioned in the production bore above the production passageway, and a first metal seal is positioned concentrically between the
- 10 tubing hanger and the central bore above the production passageway. In addition, a second closure member is positioned in the production bore above the first closure member, and a second metal seal is positioned concentrically between the tubing hanger and the central bore above the first seal. In this manner, the first closure member and the first seal comprise a first pressure-
- 15 containing barrier between the well bore and a surrounding environment, and the second closure member and the second seal comprise a second pressure-containing barrier between the well bore and the environment.